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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **OUWERKERK, Martin** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DEKKER, Ronald** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MELLIER, Maxime, R., L.** [FR/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **EGNER, Sebastian** [DE/NL]; c/o

Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LA-SANCE, Clemens, J., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

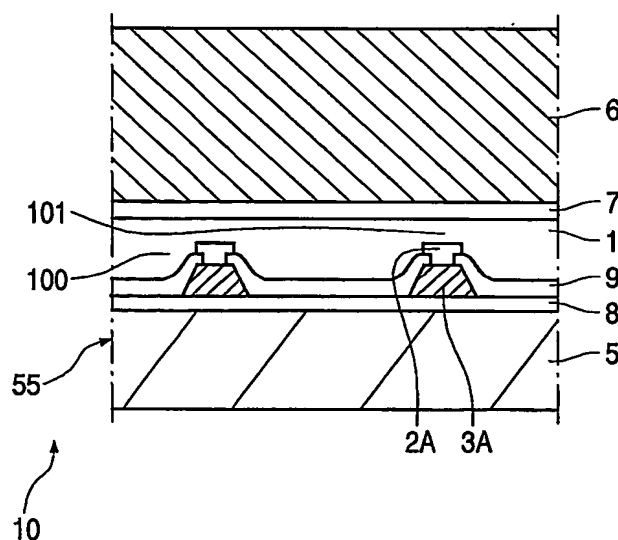
(74) Agent: **ELEVELD, Koop, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: METHOD OF MANUFACTURING A THERMOELECTRIC DEVICE AND THERMOELECTRIC DEVICE OBTAINED BY MEANS OF SUCH A METHOD



(57) Abstract: The invention relates to a method of manufacturing a thermoelectric device (10), in particular a thermoelectric generator (10), comprising a flexible foil (1) on which two groups (2, 3) of series-connected strip-shaped parts (2A, 3A) are formed, where the materials chosen for the two groups of parts (2A, 3A) are materials with a different thermoelectric coefficient and said two groups of parts are formed in a pattern (100) such that the connections (4) between one part (2A) of one group (2) and another part (3A) of the other group (3) are alternately positioned in two spaced apart areas (G1, G2) of the foil (1), and after the formation of the parts (2A, 3A) on a substrate (5), the foil (1) is attached to the stripshaped parts (2A, 3A), after which the substrate (5) is removed. According to the invention, for the substrate (5) use is made of a rigid

(=relatively thick) substrate (5), and before the substrate (5) is removed a rigid (= relatively thick) carrier plate (6) is attached to the foil (1) that is removed again from the foil (1) after removal of the rigid substrate (5). In this way, the method is particularly suitable for the use of semiconductor substrates (5) which can be rapidly removed by chemical-mechanical polishing. Preferably, the foil (1) with the device (10) is folded or coiled before use.

WO 2004/105146 A1



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